

Form PTO-1449

Attorney Docket No.  
**061607-1500**Serial No.  
**To Be Assigned****INFORMATION DISCLOSURE CITATION**Applicant  
**William L. Betts and Kenneth D. Ko***(Use several sheets if necessary)*Filing Date  
**Even Date Herewith**Group  
**To Be Assigned****U.S. PATENT DOCUMENTS**

Examiner Initials	Item	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
<i>W</i>	A	5,103,227	04/07/92	Betts	341	61	

**FOREIGN PATENT DOCUMENTS**

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No

**OTHER DOCUMENTS** *(Including Author, Title, Date, Pertinent Pages, etc.)*

<i>W</i>	B	ITU-Telecommunication Standardization Sector, G.shdsl: Draft Recommendation for (G.991.2) G.shdsl, Fiji Island, 31 January - 04 February, 2000; pages 1-149.
<i>W</i>	C	ITU- Telecommunication Standardization Sector, G.991.2 (ex G.shdsl): Fractional bit mapping, No. D.727(WP1/15), Geneva, 3-14 April, 2000; 5 pages
<i>W</i>	D	ITU-Telecommunications Standardization Sector, G.shdsl: Performance of Generalized and Fractional PAM Mappings, Antwerp, Belgium 19-23, June 2000, pages 1-6.

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

EXAMINER'S SIGNATURE:

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## INFORMATION DISCLOSURE CITATION

*(Use several sheets if necessary)*

Serial No.  
To Be Assigned

**Applicant**  
**William L. Betts and Kenneth D. Ko**

**Filing Date**  
**February 9, 2001**

**Group  
To Be Assigned**

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

TW	E	U.S. Utility Application entitled Fractional Bit Rate Encoding in a Discrete Multi-Tone Communication System;
		Unofficial Serial No. (from Postcard) 09/717,436; Inventor: William L. Betts; filed November 20, 2000.

\* EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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